

Patent claims

1. A system for automatically installing, verifying
and configuring functionalities, stored in
5 installation, verification and/or configuration
files, for system components arranged in a
distributed network,
where
- a system planning tool (1) for creating,
10 checking and configuring the installation,
verification and/or configuration files for the
respective system components is provided,
- the system planning tool (1) transmits the
15 installation, verification and/or configuration
files for installation in the system
components,
- the respective system components automatically
checks and configures the required
20 installation, verification and/or configuration
files in a prescribed order and manner, and
- following the configuration of the system
components an overall system is formed.
2. The system as claimed in claim 1, characterized in
25 that following the configuration of the system
components among one another an operational
overall system is formed.
3. The system as claimed in claim 1 or 2,
30 characterized in that the functionalities stored
in installation, verification and/or configuration
files are software packages.
4. The system as claimed in one of the preceding
35 claims, characterized in that the overall system
is a distributed network, particularly a
distributed automation system.

5. The system as claimed in one of the preceding claims, characterized in that the software packages store system component data and setup data for the system components.
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6. A method for automatically installing and configuring functionalities, stored in installation, verification and/or configuration files, for system components arranged in a distributed network, where
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- a system planning tool (1) is used to create, check and configure the installation, verification and/or configuration files for the respective system components,
 - 15 - the installation, verification and/or configuration files required in the respective system components are automatically installed, checked and configured in the respective system components in a prescribed order and manner,
 - 20 and
 - the system components are configured to form an overall system.
7. The method as claimed in claim 6, characterized in that following the configuration of the system components an operational overall system is formed.
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8. The method as claimed in claim 6 or 7, characterized in that the functionalities stored in installation, verification and/or configuration files are in the form of software packages.
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9. The method as claimed in one of claims 6 to 8, characterized in that the overall system is in the form of a distributed network, particularly in the form of a distributed automation system.
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10. The method as claimed in one of claims 6 to 9, characterized in that the software packages are used to store system component data and setup data for the system components.